

23. The fusion polypeptide of claim 21, wherein the $\alpha 1,3$ galactosyltransferase is porcine.
26. The fusion polypeptide of claim 21, wherein said second polypeptide comprises an Fc region of an immunoglobulin heavy chain.
28. (Amended) The fusion protein of claim 21, wherein the first polypeptide comprises more Gal $\alpha 1, 3$ Gal epitopes than the human wild-type P-selectin glycoprotein ligand-1 polypeptide.
29. A dimerized fusion polypeptide comprising a first polypeptide operably linked to a second polypeptide, wherein the first polypeptide:
- (a) comprises the extracellular portion of a P-selectin glycoprotein ligand-1; and
 - (b) is glycosylated by an $\alpha 1,3$ galactosyltransferase and
- the second polypeptide comprises immunoglobulin heavy chain polypeptide.
30. The fusion polypeptide of claim 29, wherein the first polypeptide comprises multiple Gal $\alpha 1, 3$ Gal epitopes.
31. The fusion polypeptide of claim 29, wherein the $\alpha 1,3$ galactosyltransferase is porcine.
32. The fusion polypeptide of claim 29, wherein said second polypeptide comprises an Fc region of an immunoglobulin heavy chain.
33. (Amended) The fusion protein of claim 29, wherein the first polypeptide comprises more Gal $\alpha 1, 3$ Gal epitopes than the human wild-type P-selectin glycoprotein ligand-1 polypeptide.
34. A dimerized fusion polypeptide comprising a first polypeptide operably linked to a second polypeptide, wherein the first polypeptide:
- (a) comprises a part of a P-selectin glycoprotein ligand-1 that mediates binding to selectin; and

(b) is glycosylated by an α 1,3 galactosyltransferase and the second polypeptide comprises an immunoglobulin polypeptide.

35. The fusion polypeptide of claim 34, wherein the first polypeptide comprises multiple Gal α 1, 3Gal epitopes.

36. The fusion polypeptide of claim 34, wherein the α 1,3 galactosyltransferase is porcine.

37. The fusion polypeptide of claim 34, wherein said second polypeptide comprises an Fc region of an immunoglobulin heavy chain.

38. (Amended) The fusion protein of claim 34, wherein the first polypeptide comprises more Gal α 1, 3Gal epitopes than the human wild-type P-selectin glycoprotein ligand-1 polypeptide.